

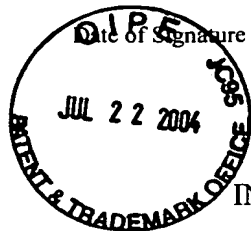
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Date of Signature and Deposit: July 20, 2004



Zhibin Ren 47,897



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Keith Rowley, et al.

Date: July 20, 2004

Serial No.: 10/750,083

Group Art Unit: 1761

Filed: 12/31/2003

Examiner: N/A

Title: METHOD FOR TREATING PLANTS AND
PLANT PARTS

File: 700798.00004

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a completed Information Disclosure Statement by Applicant listing documents that the applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,



Zhibin Ren
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Attorney for Applicants
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Milwaukee, WI 53202
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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

| | |
|----------------------|--------------|
| Application Number | 10/750,083 |
| Filing Date | 12/31/2003 |
| First Named Inventor | Keith Rowley |
| Examiner Name | N/A |
| Art Unit | 1761 |
| Attorney Docket No. | 700798.00004 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

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FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$) 0.00 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | | Extra Claims | | Fee from below | Fee Paid |
|--------------------|--------------------|--------------|--------|----------------|----------|
| Independent Claims | Multiple Dependent | -20* = | -3** = | | |
| | | | | X | 0.00 |
| | | | | X | 0.00 |
| | | | | | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|------------|-----------------------------------|------------|-----------|--------------|
| Name (Print/Type) | Zhibin Ren | Registration No. (Attorney/Agent) | 47,897 | Telephone | 414-277-5633 |
| Signature | | Date | 07/20/2004 | | |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Complete if Known**

(Use as many sheets as necessary)

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|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

| | |
|------------------------|--------------|
| Application Number | 10/750,083 |
| Filing Date | 12/31/2003 |
| First Named Inventor | Keith Rowley |
| Art Unit | 1761 |
| Examiner Name | N/A |
| Attorney Docket Number | 700798.00004 |

[illegible][illegible]

**Examiner
Signature**

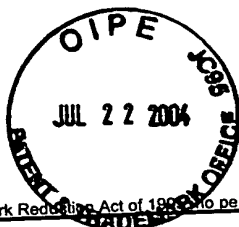
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|--------------|
| Application Number | 10/750,083 |
| Filing Date | 12/31/2003 |
| First Named Inventor | Keith Rowley |
| Art Unit | 1761 |
| Examiner Name | N/A |
| Attorney Docket Number | 700798.00004 |

Sheet 2 of 2

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | 7 | DRS. O.L. STADEN, Bulletin of the Sprenger Institute (Published in the 1960's). | |
| | 8 | DRS. O.L. STADEN, Spot Control in Jonathans (Published in the 1960's). | |
| | 9 | LEE S., SUH S., KIM S., CRAIN R.C., KWAK J.M., NAM H-G, LEE Y. (1997), Systemic elevation of phosphatidic acid and lysophospholipid levels in wounded plants, The Plant Journal 12, 547-556. | |
| | 10 | CHEN M., MCCLURE J.W., (2000), Altered lignin composition in phenylalanine ammonia-lyase inhibited radish seedlings; implications for seed-derived sinapoyl esters as lignin precursors, Phytochemistry 53, 365-370. | |
| | 11 | WAY, H.M, KAZAN K., MITTER N., GOULTER K.C., BIRCH R.G., MANNERS J.M., (2002) Constitutive expression of a phenylalanine ammonia-lyase from Stylosanthes humilis in transgenic tobacco leads to enhanced disease resistance but impaired plant growth. Physiological and Molecular Plant Pathology 60, 275-282. | |
| | 12 | KATO, M., HAYAKAWA Y., HYODO H., IKOMA Y., YANO M., (2000) Wound-induced ethylene synthesis and expression and formation of 1-aminocyclopropane-1-carboxylate (ACC) synthase, ACC oxidase, phenylalanine ammonia lyase, and peroxidase in wounded mesocarp tissue of Cucurbita maxima. Plant and Cell Physiology 41, 440-447. | |
| | 13 | MOSJIDIS, ET AL., Annals of Botany, 71: 193-199, 1993. | |
| | 14 | RYU, ET AL., PNAS 94: 12717-12721, 1997 | |
| | | | |
| | | | |

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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